import datetime

import requests

import json

date=datetime.datetime.now()

f = open("DCT"+date.strftime("%y")+date.strftime("%m")+date.strftime("%d")+".txt","w+")

URL\_payment\_log = "https://api.airtable.com/v0/appqOh1FcRkhI3EqL/Payment%20Log?api\_key=keyuZ9jZifvOzDgPO"

URL\_payment\_status = "https://api.airtable.com/v0/appqOh1FcRkhI3EqL/Payment%20Log?api\_key=keyuZ9jZifvOzDgPO&sort[0][field]=Payment%20Status"

URL\_account\_payable = "https://api.airtable.com/v0/appqOh1FcRkhI3EqL/Account%20Payable?api\_key=keyuZ9jZifvOzDgPO"

payment\_log = requests.get(URL\_payment\_log)

payment\_status\_sort = requests.get(URL\_payment\_status)

account\_payable = requests.get(URL\_account\_payable)

data = payment\_log.json()

sort = payment\_status\_sort.json()

payable = account\_payable.json()

#Account number

acc = "0341349230"

#Batch Ref

batch = "000000"

#Paid Amount

paid = data['records'][0]['fields']['Paid Amount']

#length of Paid Amount

paid\_l = len(str(paid))+1

a = 15-int(paid\_l)

#print 0

z = "0"

#print paid amount

if paid\_l != 15:

    for i in range(a):

        z += "0"

paid\_amount = z+str(paid)

#set date and payment date

today = date.strftime("%y")+date.strftime("%m")+date.strftime("%d")

#set account name

account\_name = "มหาวิทยาลัยซีเอ็มเคแอล"

#set Total Credit Items

total\_credit\_dct = 0

#set check payment status

check = 0

count = 0

record\_l = len(sort['records'])

status = ""

#status of payment

for i in range(record\_l):

    payment\_status = sort['records'][i]['fields']

    if 'Payment Status' in payment\_status:

        count += 1

    else:

        status = "False"

        check += 1

#print amount of list

if len(str(check)) != 18:

    zero = "0"

    for i in range(18):

        zero += "0"

amount\_list = zero+str(check)+"N"

#Header & Part Identifier

c = 0

if status == "False":

   for d in range(check):

        types = sort['records'][d]['fields']['Payment Type']

        print(types)

            #set form of DCT

        if types == "Direct Credit (DCT)":

            types = "HDCT"

            c += 1

            f.write(types+"                "+batch+"              "+acc+" "+paid\_amount+" "+today+"                         "+account\_name+"                            "+today+amount\_list+"\n")

            for i in range(c):

                p = "D"

                if len(str(c)) != 4:

                    zero = "0"

                    for c in range(4):

                        zero += "0"

                f.write(p+zero+str(i+1)+"              ")

                f.write("\n")

            print(types)

            print(d)

            #set form of SCND

        elif types == "Smart Credit Next Day (MCL)":

                types = "HMCL"

                f.write(types+acc+"                "+"")

                print(d)

                print(check)

f.close()